

Claims

1. A wireless human-machine interactive device of personal computer comprising
5 two parts, a display and a base, in which the display can be independently used
separately from the base, which is characterized in that:

a display output module comprising at least a central processing unit (CPU) and a
liquid crystal display (LCD), a main board containing a supply circuit for providing a
10 voltage conversion for the main board and charging a secondary battery, a
backlight board, a touch screen control board, a peripheral interface board
comprising all Input/Output (I/O) device interfaces and a secondary battery are
mounted on a rear part of the display;

- 15 an LCD control board and a supply adapter for converting a commercial supply into
a direct current (DC) supply and supplying power to the LCD control board is
mounted in the base; and

the electrical connections between the base and the display are achieved by gilded
20 pins (golden finger) or a multi-pin/multi-jack connector.

2. The wireless human-machine interactive device of personal computer
according to Claim 1, wherein a memory, a full-duplex wireless communication
module, a data receiver and decompressor module, a audio output module, a bus
25 extension port and a peripheral interface circuit module are further mounted on the
main board in said display.

3. The wireless human-machine interactive device of personal computer according
to Claim 1, wherein control keys for a display screen and an indicative light circuit
30 board are further mounted on said peripheral interface board.

4. The wireless human-machine interactive device of personal computer according to Claim 1, wherein a thickness of said display is no more than 25 millimeters.
- 5 5. The wireless human-machine interactive device of personal computer according to Claim 1, wherein the main board of said display forms a wireless data communication connection link directly with a main body of the personal computer, and the circuits on the main board form information exchange links with the circuits on the LCD control board within the base through the gilded pins (golden finger)or
10 the multi-pin/multi-jack connector between the display and the base.
6. The wireless human-machine interactive device of personal computer according to Claim 1, wherein the secondary battery mounted on the rear part of said display is a three-series one-parallel one.
- 15 7. A liquid crystal display of personal computer comprising two parts, a display main body and a base, which is characterized in that a backlight board, control keys for a display screen and a indicative light circuit board are mounted on a rear part of said display main body; an LCD control board and a power supply board are mounted in
20 the base; and the electrical connections between the base and the display are achieved by gilded pins (golden finger) or a multi-pin/multi-jack connector.
8. The liquid crystal display of personal computer according to Claim 7, wherein a thickness of said display main body is no more than 25 millimeters.

25